







QY 98 NRTHNRVCHECKEGRY-L-BIEFLKLHRSCPPGFGVQAGTPERNTVCKRCPDGFFSNET 154  
 Db 156 s1fekcypstcsedknlevlqkgtsqtnivc 187  
 QY 155 SSKAPCRKHTNCSTFGLLUTOKGNATHDNC 186

RESULT 6  
 ENTRY A46476 #type complete  
 TITLE CD40 - mouse  
 ORGANISM formal name Mus musculus #common\_name house mouse  
 DATE 18-Jun-1993 #sequence\_revision 18-Nov-1994 #text\_change

ACCESSIONS A46476  
 REFERENCE #authors J. Immunol. (1992) 148:620-626  
 #journal Torres, R.M.; Clark, B.A.  
 #title differential increase of an alternatively polyadenylated mRNA  
 species of murine CD40 upon B lymphocyte activation.  
 \*cross-references MUID:92105763

3CCESSION A46476  
 #status preliminary

##note #residues 1-305 #label TOR  
 ##cross-references NCBIN:75206; NCBI:75207  
 sequence extracted from NCBI backbone

SUMMARY #length 305 #molecular-weight 33617 #checksum 5203

Query Match Best local Similarity 10.3%; Score 294; DB 14; Length 305; Matches 59; Conservative 20; Mismatches 65; Indels 8; Gaps 6; #accession B43692 #status preliminary

Db 38 cd1cqpgsrltshataleqtqchpcdsgefsaqwreinrhcqhrhcepn-qglr-vkkg 95  
 Qy 41 CDKCPGPGTQKHTQKHTAKWNTVCACPDHYDTSHTSDCK-LY-CPVCKELQVYK 97

Db 96 taesdtvctckeaghctskdceacaqhtpcipafgvmentattdtvchpcpgvffsns 155  
 Qy 98 NRTHNRVCHECKEGRY-L-EIE-FLKHSRCPGFGVQAGTPERNTVCKRCPDGFFSNET 154

Db 156 s1fekcypstcsedknlevlqkgtsqtnivc 187  
 Qy 155 SSKAPCRKHTNCSTFGLLUTOKGNATHDNC 186

RESULT 7  
 ENTRY GOVZML #type complete  
 NISM T2 protein - myxoma virus (strain Lausanne)  
 #formal\_name myxoma virus  
 #label UPT  
 #text\_change 31-Dec-1992 #sequence\_revision 31-Dec-1992

ACCESSIONS A40566  
 REFERENCE #authors Upton, C.; Macen, J.L.; Schreiber, M.; McFadden, G.  
 #journal Myxoma virus expresses a secreted protein with homology to  
 #title the tumor necrosis factor receptor gene family that  
 contributes to viral virulence.  
 #cross-references MUID:91335768

#accession A40566  
 #molecule\_type DNA  
 #residues 1-326 #label UPT

CLASSIFICATION #superfamily NGF receptor repeat homology

FEATURE #cross-references DB:MI1433  
 #molecule-type DNA

ACCESSIONS A40566  
 REFERENCE #authors Upton, C.; Macen, J.L.; Schreiber, M.; McFadden, G.  
 #journal Myxoma virus expresses a secreted protein with homology to  
 #title the tumor necrosis factor receptor gene family that  
 contributes to viral virulence.

RESULT 9  
 ENTRY I54182 #type complete  
 TITLE tumor necrosis factor receptor 2-related protein - human  
 ORGANISM #formal\_name Homo sapiens #common\_name man  
 DATE 24-May-1996 #sequence\_revision 24-May-1996 #text\_change

ACCESSIONS I54182  
 REFERENCE #authors Baets, M.; Chaffanet, M.; Cassiman, J.J.; van den Berghe, H.;  
 #journal Genomics (1993) 16:214-218  
 #title Construction and evaluation of a hncDNA library of human 12P  
 transcribed sequences derived from a somatic cell hybrid.

CLASSIFICATION #superfamily myxoma virus T2 protein; NGF receptor repeat homology

KEYWORDS glyccoprotein

FEATURE #domain NGF receptor repeat homology #label NG2\\  
 #binding\_site carbohydrate (Asn) (covalent) #status predicted

SUMMARY #length 326 #molecular-weight 35208 #checksum 9255  
 #accession I54182  
 #status preliminary; translated from GB/EMBL/DDJB

Query Match Best local Similarity 9.4%; Score 269; DB 2; Length 326; Matches 47; Conservative 25; Mismatches 58; Indels 9; Gaps 8; #accession B43692 #status preliminary

Db 40 ctscpsasyasrlcggqsdttcspcknetffastnnapavscrgtghsseqdkt 99  
 Qy 41 CDKCPGPGTQKHTQKHTAKWNTVCACPDHYDTSHTSDCK-LY-CPVCKELQVYK 100

Db 100 rdvcdssagvclqkgqgegricaptkcpagyrsg-ghrtgdlctkprytsav 158  
 Qy 101 NRTHNRVCHECKEGRY-L-EIE-L-KRS-CPGFGVQAGTPERNTVCKRCPDGFFSNET 154

Db 159 sstetctssfnysivsefnl 177  
 Qy 155 SSKAPCRKHTNC-SV-FGL 171



DB 168 -chagffiresecpcshcknne 191  
 KEYWORD duplication; glycoprotein; receptor; transmembrane protein  
 FEATURE 1-29  
 REFERENCE 30-454  
 #domain signal sequence #status predicted #label SIG  
 #domain extracellular #status predicted #label EXT  
 #domain NGF receptor repeat homology #label NGL  
 #domain NGF receptor repeat homology #label NG2  
 #domain NGF receptor repeat homology #label NG3  
 #domain intracellular #status predicted #label MEM  
 #domain transmembrane #status predicted #label INT  
 RESULT 13  
 ACCESSION GOMST1  
 ENTRY tumor necrosis factor receptor type 1 precursor - mouse  
 TITLE tumor necrosis factor receptor type 1 precursor - mouse  
 ALTERNATE NAMES tumor necrosis factor receptor, 55K  
 ORGANISM #formal\_name Mus musculus #common\_name house mouse  
 DATE 30-Jun-1992 #sequence\_revision 30-Jun-1992 #text\_change  
 18-oct-1996  
 SUMMARY #length 454 #molecular-weight 50129 #checksum 4339  
 REFERENCE A38634; B40254; S16677; S19021; 154532  
 #authors Lewis, M.; Tartaglia, L.A.; Lee, A.; Bennett, G.L.; Rice, G.C.; Wong, G.H.W.; Chen, E.Y.; Goeddel, D.V.  
 #Journal Proc. Natl. Acad. Sci. U.S.A. (1991) 88:2830-2834  
 #title Cloning and expression of cDNAs for two distinct murine tumor necrosis factor receptors demonstrate one receptor is species specific.  
 #cross-references MUID:91187885  
 #accession A38634  
 #molecule\_type mRNA  
 #residues 1-454 #label LEW  
 #cross-references GB:N60468  
 REFERENCE A40254  
 #authors Goodin, R.G.; Anderson, D.; Jerzy, R.; Davis, T.; Brannan, C.R.; Copeland, N.G.; Jenkins, N.A.; Smith, C.A.  
 #Journal Mol. Cell. Biol. (1991) 11:3020-3026  
 #title Molecular cloning and expression of the type 1 and type 2 murine receptors for tumor necrosis factor.  
 #cross-references MUID:91246168  
 #accession B40254  
 #molecule\_type mRNA  
 #residues 1-454 #label GO2  
 #cross-references GB:M60468  
 REFERENCE S16677  
 #authors Barrett, K.; Taylor-Fishwick, D.A.; Cope, A.P.; Kissnerghis, A.M.; Gray, P.W.; Feldmann, M.; Foxwell, B.M.J.  
 #Journal Eur. J. Immunol. (1991) 21:1649-1656  
 #title Cloning, expression and cross-linking analysis of the murine P55 tumor necrosis factor receptor.  
 #cross-references MUID:91285014  
 #accession S16677  
 #molecule\_type mRNA  
 #residues 1-454 #label BAR  
 #cross-references EMBL:X59238  
 #cross-references S19021  
 #authors Rotte, J.G.; Brockhaus, M.; Gentz, R.; Lesslauer, W.  
 #title Immunogenetics (1991) 34:338-340  
 #cross-references MUID:91285014  
 #accession S19021  
 #molecule\_type mRNA  
 #residues 1-454 #label ROT  
 #cross-references EMBL:X57796  
 REFERENCE 154532  
 #authors Bebo, B.F.  
 #Journal Immunogenetics (1994) 39:450-451  
 #title Nucleotide sequence of the TNF type I receptor from a mouse  
 #cross-references MUID:91245292  
 #accession 154532  
 #status translated from GB/EMBL/DBDBJ  
 #molecule\_type mRNA  
 #residues 1-454 #label RES  
 #cross-references GB:122349; MUID:9430732; CDS-PIB:9430733  
 #comment This protein is one of two distantly related receptors for both TNF-alpha (cachectin) and TNF-beta (lymphotoxin).  
 #classification #superfamily tumor necrosis factor receptor type 1; NGF receptor repeat homology duplication; glycoprotein; receptor; transmembrane protein  
 KEYWORDS  
 FEATURE 1-29  
 REFERENCE 30-461  
 #domain signal sequence #status predicted #label SIG  
 #domain extracellular #status predicted #label EXT  
 #domain tumor necrosis factor receptor type 1 #status predicted #label MAT  
 #domain signal sequence #status predicted #label SIG  
 #domain extracellular #status predicted #label EXT  
 #domain tumor necrosis factor receptor type 1 #status predicted #label MAT  
 #predicted #label TBP  
 #domain NGF receptor repeat homology #label NG1  
 #domain NGF receptor repeat homology #label NG2  
 #domain NGF receptor repeat homology #label NG3  
 #domain NGF receptor repeat homology #label NG4  
 #domain NGF receptor repeat homology #label NG4  
 #domain transmembrane #status predicted #label MEM  
 #domain intracellular #status predicted #label INT  
 #binding site carbohydrate (Asn) (covalent) #status predicted  
 #predicted  
 SUMMARY #length 461 #molecular-weight 50969 #checksum 1617

